

FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

2817 A Lafayette Avenue
Newport Beach, CA 92663
(949) 723-1645
Fax (949) 723-1854
Email: freyinc@freyinc.com

November 19, 2005
383-01

Ms. Arghavan Rashidi-Fard
Orange County Health Care Agency
1241 E. Dyer Road, Suite 120
Santa Ana, CA 92705-5611

**SECOND BI-ANNUAL 2005
GROUNDWATER MONITORING WELL
MONITORING AND SAMPLING REPORT
AND STATUS UPDATE
16808 SOUTH HARBOR BOULEVARD
SANTA ANA, CALIFORNIA
(OCHCA CASE NO. 96UT32)
(GID #T0605901972)**

Dear Ms. Rashidi-Fard:

This report presents the results of the groundwater monitoring well monitoring and sampling conducted at 16808 South Harbor Boulevard in Santa Ana, California [(Site)(Figure 1 and 2)].

SUMMARY OF ACTIVITIES

Groundwater Monitoring and Sampling

On October 3, 2005, groundwater monitoring wells MW-1 through MW-4 and vapor extraction wells VEW1 through VEW3 (Wells) were measured for depth to water and checked for the presence of free product. Free product was not detected in any of the Wells. Pre-purge and post-purge groundwater samples were collected from the Wells, per the request of the Orange County Health Care Agency (OCHCA). Vapor extraction well VEW1 did not have enough water to be purged, therefore the only sample collected was the pre-purge sample.

Laboratory Analyses

The groundwater samples were analyzed for total petroleum hydrocarbons (TPH) modified for gasoline in general accordance with EPA Method DHS LUFT. Groundwater samples were also analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), and fuel oxygenates in general accordance with EPA method 8260B.

A Site sketch showing groundwater monitoring well locations appears as Figure 3. Laboratory results of groundwater samples and groundwater elevation data are summarized in Table 1. Groundwater sampling procedures are included in Appendix A. Laboratory reports are included in Appendix B.

RESULTS

Site Hydrogeology

- Depth to groundwater ranged from 8.43 feet below the top of casing (toc) to 9.08 feet below toc for this bi-annual sampling event. Groundwater elevations ranged from 41.17 feet above mean sea level (msl) to 41.22 feet msl. **The groundwater levels are above the screen intervals in wells MW-1, MW-2 and MW-3.** Depth to groundwater and groundwater elevation data have been summarized in Table 1.
- The direction of groundwater flow during this sampling event was estimated to be generally toward the southeast at an approximate gradient of 0.001 feet/foot. A Site sketch showing groundwater elevations and the estimated direction of groundwater flow appears as Figure 4.

Laboratory Analyses

- With the exception of a concentration of 170 micrograms per liter (ug/l) detected in the pre-purge sample from MW-1, TPH was not detected in any of the groundwater samples collected and analyzed from the groundwater monitoring wells. Concentrations of TPH were detected in the pre-purge groundwater samples collected and analyzed from vapor extraction wells VEW1 and VEW2 at concentrations of 11,000 ug/l and 4,300 ug/l, respectively. Concentrations of TPH were not detected in the post-purge groundwater samples collected and analyzed from VEW2 and VEW3 (Table 1). A post purge sample could not be obtained from well VEW1.
- Benzene was not detected in any of the groundwater samples collected and analyzed from the groundwater monitoring wells. Benzene was detected in the pre-purge groundwater samples collected and analyzed from vapor extraction wells VEW1 and VEW2 at concentrations of 510 ug/l and 120 ug/l, respectively, and in the post-purge groundwater sample collected and analyzed from VEW2 at a concentration of 63 ug/l (Table 1).
- With the exception of a concentration of 1.6 ug/l in the post-purge groundwater sample collected and analyzed from VEW3, MTBE was not detected above the laboratory detection limits in the groundwater samples collected and analyzed from wells MW-1 through MW-4 and VEW1 through VEW3 (Table 1).

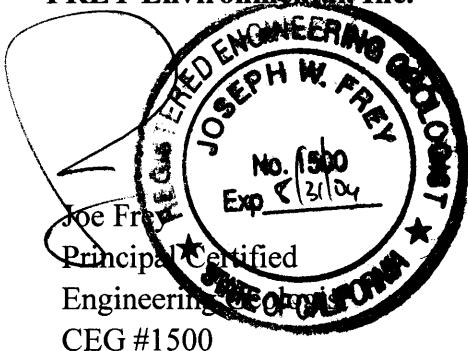
STATUS UPDATE AND ACTIVITIES PLANNED FOR THE FIRST AND SECOND QUARTER 2005

It is our understanding that the OCHCA is considering this Site case for no further action. Accordingly, until such time as FREY is approved by the OCHCA to conduct additional work, no future activities, **including groundwater monitoring**, are planned.

If you have any questions regarding this report please contact us at (949) 723-1645.

Sincerely,

FREY Environmental, Inc.



Josh Moeller
Staff Geologist

Attachments

- Table 1 Summary of Groundwater Levels and Chemical Analysis Results
- Figure 1 Site Location Map
- Figure 2 Site Sketch
- Figure 3 Site Sketch Showing Soil Sample, Soil Boring, Groundwater Monitoring, and Vapor Extraction Well Locations
- Figure 4 Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction on October 3, 2005
- Appendix A Groundwater Sampling Procedures and Field Data Sheets
- Appendix B Laboratory Reports

cc: State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Ms. Nicole Mammano
MB Industries
1742 Clear Creek Drive
Fullerton, CA 92833-1442

TABLE

Table 1
Summary of Groundwater Levels and Chemical Analyses Results
16808 South Harbor Boulevard
Santa Ana, California

Well No.	Well Elevation [1] (ft-msl)	Screen Interval (feet)	Date Sampled	Depth to Groundwater (feet-toe)	Groundwater Elevation (ft-msl)	Free Product Thickness (feet)	TPH [2] µg/L	Benzene [3] µg/L	Toluene [3] µg/L	Ethyl-benzene [3] µg/L	Total Xylenes [3] µg/L	MTBE[3] µg/L
MW-1	49.90	10-25	08/12/1998 08/05/1999	8.29 9.02	41.61 40.88	ND ND	596 68.0	6.0 1.9	ND<0.5 ND<1	1.3 1.7	36 8.5	ND<10 ND<1.0
			02/08/2000	9.30	40.60	ND	50	2.7	ND<0.5 ND<1	0.9 ND<1	1.4 ND<1	23.2 8.5
			02/22/2002	9.21	40.69	ND	ND<100	ND<1	ND<1 ND<1	ND<5 ND<5	ND<1 ND<1	ND<1 ND<1
			05/20/2002	9.34	40.56	ND	ND<100	1.3	ND<1 ND<1	ND<5 ND<5	ND<1 ND<1	ND<1 ND<1
			09/19/2002	9.45	40.45	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<1 ND<1
			12/13/2002	9.35	40.55	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	3.2 ND<1
			05/07/2003	9.05	40.85	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<1 ND<1
			10/21/2003	9.33	40.57	ND	70	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<1 ND<1
			04/28/2004	9.05	40.85	ND	ND<100	0.58	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	1.3 ND<1.0
			12/30/2004	8.90	41.00	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
			06/27/2005	8.24	41.66	ND	230	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
			10/03/2005*	8.73	41.17	ND	170	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
			10/03/2005**	NA	NA	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
MW-2	49.62	10-25	08/12/1998 08/05/1999	7.88 8.69	41.74 40.93	ND ND	2,640 334	57 16.8	9.2 3.2	2.3 2.0	149 56.8	ND<10 35.9
			02/08/2000	8.89	40.73	ND	58	2.8	ND<0.5 ND<1	0.6 2.7	5.6 ND<1	9.7 1.8
			02/22/2002	8.91	40.71	ND	ND<100	ND<1	ND<1 ND<1	ND<5 ND<5	ND<1 ND<1	2.2 2.2
			05/20/2002	9.06	40.56	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	1.7 1.7
			09/19/2002	9.16	40.46	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	3.6 3.6
			12/13/2002	9.06	40.56	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<1 ND<1
			05/07/2003	8.75	40.87	ND	ND<100	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<1 ND<1
			10/21/2003	9.01	40.61	ND	63	ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<1 ND<1
			04/28/2004	8.75	40.87	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	1.4 ND<1.0
			12/30/2004	8.59	41.03	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
			06/27/2005	7.92	41.70	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
			10/03/2005*	8.43	41.19	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0
			10/03/2005**	NA	NA	ND	ND<100	ND<0.50	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0	ND<1.0 ND<1.0

Table 1
Summary of Groundwater Levels and Chemical Analyses Results
16808 South Harbor Boulevard
Santa Ana, California

Well No.	Well Elevation [1] (ft-msl)	Screen Interval (feet)	Date Sampled	Depth to Groundwater (feet-toc)	Groundwater Elevation (ft-msl)	Free Product Thickness (feet)	TPH [2] µg/L	Benzene [3] µg/L	Toluene [3] µg/L	Ethyl-benzene [3] µg/L	Total Xylenes [3] µg/L	MTBE[3] µg/L
MW-3	49.72	10-25	08/12/1998 08/05/1999	8.04 8.78	41.68 40.94	ND ND	ND<10 ND<10	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<1.0 ND<1.0	ND<10 2.9
			02/08/2000	9.00	40.72	ND	24.2	ND<0.5	ND<0.5	ND<0.5	ND<1.0	2.4
			02/22/2002	8.98	40.74	ND	ND<100	ND<1	ND<1	ND<5	ND<1	ND<1
			05/20/2002	9.12	40.60	ND	ND<100	ND<1	ND<1	ND<5	ND<1	ND<1
			09/19/2002	9.23	40.49	ND	ND<100	ND<1	ND<5	ND<5	ND<5	ND<1
			12/13/2002	9.13	40.59	ND	ND<100	ND<1	ND<5	ND<5	ND<5	ND<1
			05/07/2003	8.80	40.92	ND	ND<100	ND<1	ND<5	ND<5	ND<5	ND<1
			10/21/2003	9.10	40.62	ND	ND<50	ND<1	ND<5	ND<5	ND<5	ND<1
			04/28/2004	8.81	40.91	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
			12/30/2004	8.15	41.57	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
			06/27/2005	8.00	41.72	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
			10/03/2005*	8.50	41.22	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
			10/03/2005**	NA	NA	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MW-4	50.20	5-20	02/08/2000 02/22/2002 05/20/2002 09/19/2002 12/13/2002 05/07/2003 10/21/2003 04/28/2004 12/30/2004 06/27/2005 10/03/2005*	9.55 9.46 9.61 9.71 9.61 9.29 9.58 9.31 8.65 8.48 8.98 NA	40.65 40.74 40.59 40.49 40.59 40.91 40.62 40.89 41.55 41.72 41.22 NA	ND ND ND ND ND ND ND ND ND ND ND ND	2,320 ND ND ND ND ND 54 ND ND ND ND ND	28.9 ND<100 ND<100 ND<100 ND<100 ND<100 ND<100 ND<100 ND<100 ND<100 ND<100 ND	87.5 ND<1 ND<1 ND<1 ND<1 ND<1 ND<5 ND<5 ND<50 ND<1.0 ND<1.0 ND	70.0 ND<5 ND<5 ND<5 ND<5 ND<5 ND<5 ND<5 ND<1.0 ND<1.0 ND<1.0 ND	488 ND<1 ND<1 ND<1 ND<5 ND<5 ND<5 ND<5 ND<1.0 ND<1.0 ND<1.0 ND	3.0 ND<1 ND<1 ND<1 ND<5 ND<5 ND<5 ND<5 ND<1.0 ND<1.0 ND<1.0 ND
VIEW1	NA	5-9	10/03/2005*	9.08	NA	ND	11,000	510	16	780	1,570	ND<5.0
			10/03/2005**	NA	NA	ND	--	--	--	--	--	--

Table 1
Summary of Groundwater Levels and Chemical Analyses Results
16808 South Harbor Boulevard
Santa Ana, California

Well No.	Well Elevation [1] (ft-msl)	Screen Interval [feet]	Date Sampled	Depth to Groundwater (feet-toc)	Groundwater Elevation (ft-msl)	Free Product Thickness (feet)	TPH [2] µg/L	Benzene [3] µg/L	Toluene [3] µg/L	Ethyl-benzene [3] µg/L	Total Xylenes [3] µg/L	MTBE[3] µg/L
VIEW2	NA	5-10	10/03/2005*	8.90	NA	ND	5,500	120	6.6	970	235	ND<5.0
			10/03/2005**	NA	NA	ND	ND<100	63	9.0	470	523	ND<2.0
VIEW3	NA	5-10	10/03/2005*	8.51	NA	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0
			10/03/2005**	NA	NA	ND	ND<100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.6

Notes:

[1] Wells MW-1 through MW-3 were surveyed for elevation and location by a California Registered Land Surveyor on July 6, 1998. Well MW-4 was surveyed in February, 2000.

[2] Analyzed for total petroleum hydrocarbons as gasoline by modified EPA Method No. 8015M or DHS LUFT Method.

[3] Analyzed in general accordance with EPA method 8020 prior to 2/22/02 and analyzed by EPA method 8260B thereafter.
ft-bgs feet below the ground surface
ft-msl feet above mean sea level

ft-toc feet below top of casing

ND not detected below indicated detection limit

NA not applicable

NM not measured

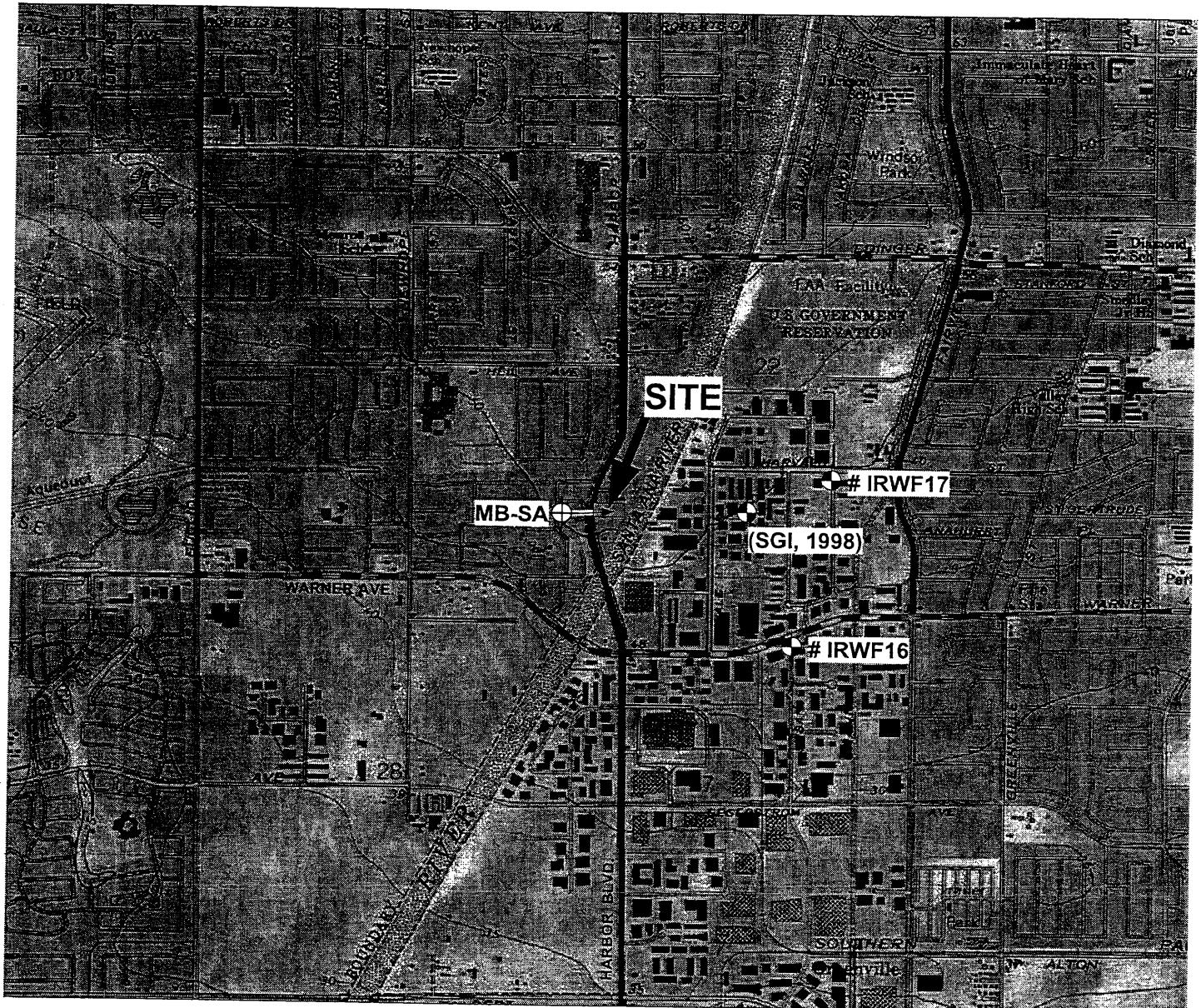
* = Pre-purge sample

** = Post-purge sample

-- = Not analyzed

Values denoted by 'J' are reported below the laboratory detection limit.

FIGURES



EXPLANATION

- # IRWF16 Well number (owned by IRWD, 2001)
- MB-SA Industrial Groundwater Supply Well



NORTH

0 1/2 1
SCALE IN MILES

MB INDUSTRIES
16808 SOUTH HARBOR BOULEVARD
SANTA ANA, CALIFORNIA

Client: MB INDUSTRIES

Project No.: 383-01

FREY ENVIRONMENTAL, INC.

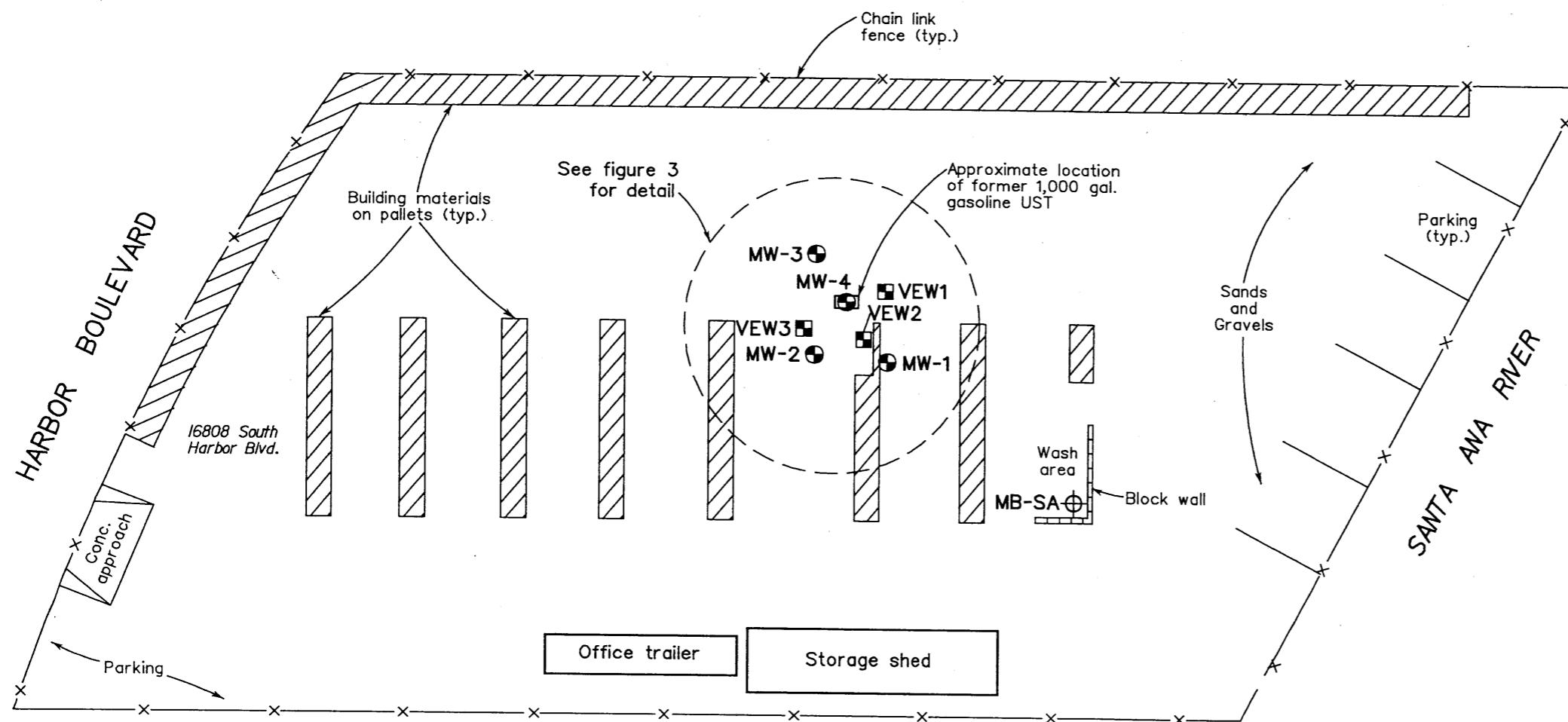
NOTE:

- 1) All locations and dimensions are approximate.
- 2) Base map from USGS 7.5 minute Santa Ana (1966, photorevised 1988), California topographic quadrangle.

SITE LOCATION MAP

EXPLANATION

- ⊕ MB-SA INDUSTRIAL GROUNDWATER SUPPLY WELL
- VEW1 VAPOR EXTRACTION WELL LOCATION
- MW-1 GROUNDWATER MONITORING WELL LOCATION



NOTES:

- 1) All locations and dimensions are approximate.
- 2) Base map from drawing by American Environmental Management, site map dated August 1996, and field observations by FREY Environmental, Inc. personnel on 2/22/02 and 5/20/02.



0 40 80
APPROXIMATE SCALE IN FEET

MB INDUSTRIES
16808 SOUTH HARBOR BOULEVARD
SANTA ANA, CALIFORNIA

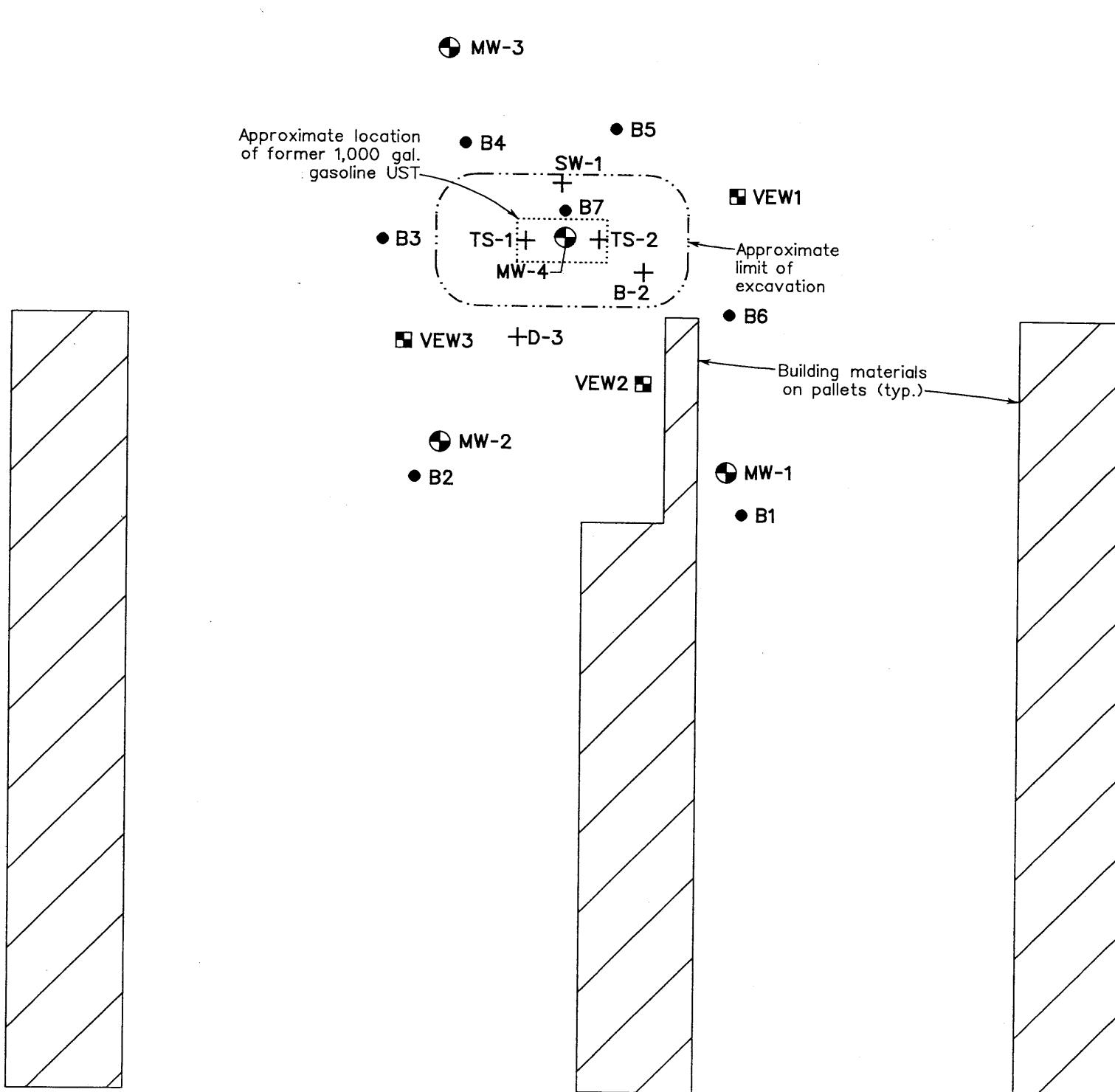
Client: MB INDUSTRIES

Project No.: 383-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH

EXPLANATION



- + TS-1 SOIL SAMPLE LOCATION
- B1 GEOPROBE BORING LOCATION
- VEW1 VAPOR EXTRACTION WELL LOCATION
- MW-1 GROUNDWATER MONITORING WELL LOCATION

NOTES:

- 1) All locations and dimensions are approximate.
- 2) Base map from drawing by Sierra Geoscience, Inc. titled Groundwater Contour Map, figure 2, dated 9/10/99, FREY Environmental, Inc. personnel field notes, and field notes by OCHCA.



0 10 20
APPROXIMATE SCALE IN FEET

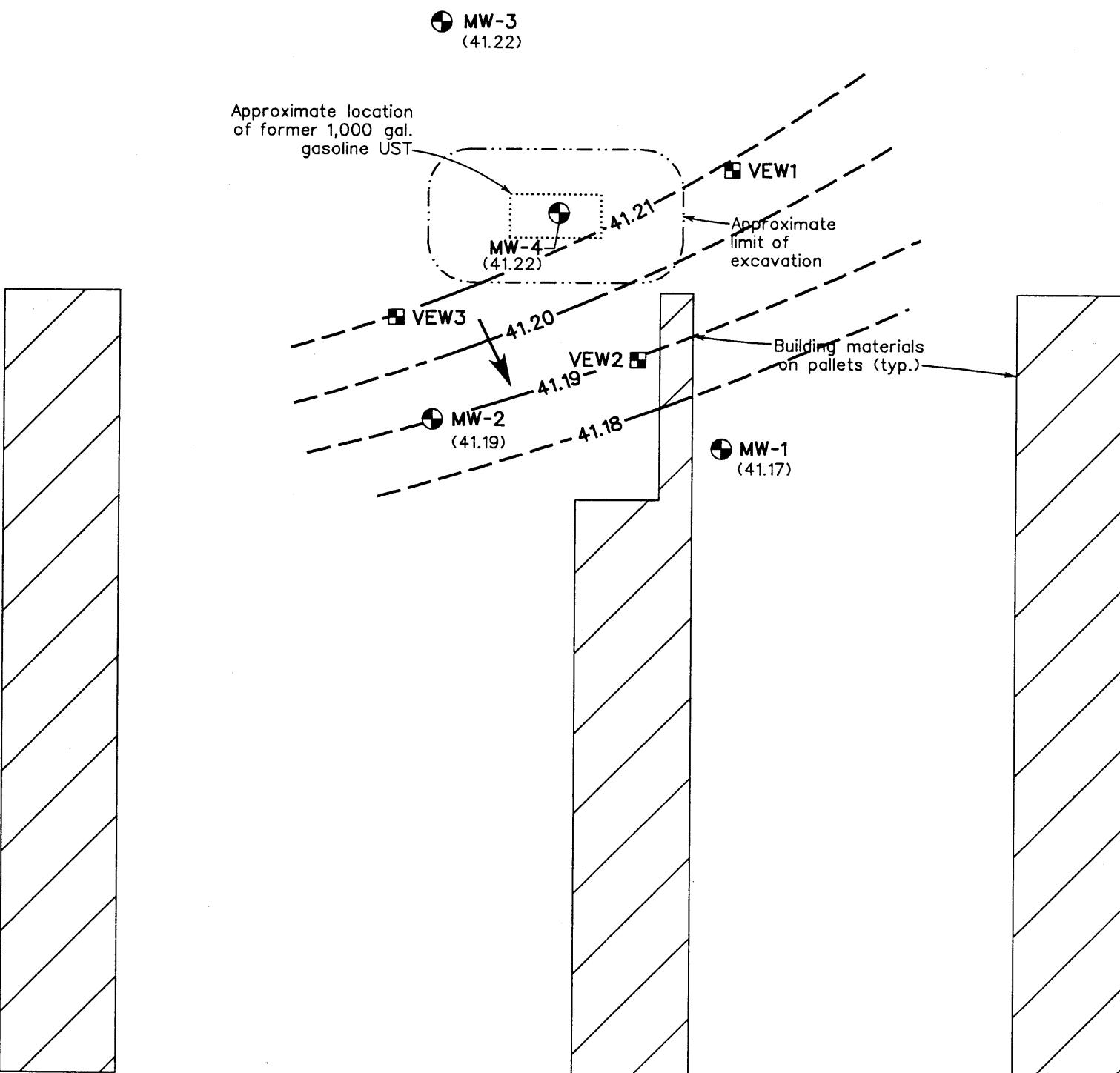
MB INDUSTRIES
16808 SOUTH HARBOR BOULEVARD
SANTA ANA, CALIFORNIA

Client: MB INDUSTRIES Project No.: 383-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING SOIL SAMPLE,
SOIL BORING, GROUNDWATER MONITORING,
AND VAPOR EXTRACTION WELL LOCATIONS

EXPLANATION



- VEW1 VAPOR EXTRACTION WELL LOCATION
- MW-1 GROUNDWATER MONITORING WELL LOCATION
(41.17)
With groundwater elevation in feet MSL,
on October 3, 2005
- 41.18 — CONTOUR OF EQUAL GROUNDWATER ELEVATION
(in feet MSL, on October 3, 2005)
- ESTIMATED GROUNDWATER FLOW DIRECTION

NOTES:

- 1) All locations and dimensions are approximate.
- 2) Base map from drawing by Sierra Geoscience, Inc. titled Groundwater Contour Map, figure 2, dated 9/10/99, FREY Environmental, Inc. personnel field notes, and field notes by OCHCA.



0 10 20
APPROXIMATE SCALE IN FEET

MB INDUSTRIES
16808 SOUTH HARBOR BOULEVARD
SANTA ANA, CALIFORNIA

Client: MB INDUSTRIES Project No.: 383-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH
SHOWING GROUNDWATER ELEVATIONS AND
ESTIMATED GROUNDWATER FLOW DIRECTION
ON OCTOBER 3, 2005

Date: NOVEMBER 2005

Figure 4

APPENDIX A

**GROUNDWATER SAMPLING PROCEDURES
AND FIELD DATA SHEETS**

WELL MONITORING AND GROUND WATER SAMPLING

1. Prior to monitoring ground water monitoring wells, the well head condition is inspected for evidence of tampering or damage.
2. Prior to sampling the wells, the water level in the well is recorded using a conductance probe. In addition, a clear bailer sample is taken and visually inspected for turbidity and the presence of free product.
3. The ground water samples are collected using a stainless steel bailer or disposable plastic bailer held by dedicated nylon line.
4. The water level is measured using a conductance probe and a fiber measuring tape.
5. All items entering the well; tapes, conductance probe, bailers are cleaned prior to use and between sampling periods.
6. Samples are collected from each monitoring well and placed into laboratory provided containers.
7. Each sample is labeled.
8. The samples are placed in a bag, and into an ice chest, and cooled following collection.
9. The samples are delivered to the laboratory following collection. Sample handling, transport, and delivery to the laboratory are documented using chain of custody procedures and appropriate Chain-of-Custody forms.
10. Any additional samples may be used for field analysis; pH, temperature, conductivity, and total dissolved solids.

GROUNDWATER SAMPLING DATA

Page 1 of 7SITE NAME MB INDUSTRIES TASK NUMBER 16DATE 10-02-05JOB NO. 383-01QUARTER 3SAMPLING PERSONNEL Jose

WELL NUMBER <u>MW-1</u>	Well Diameter (ID) <u>4"</u>	Reference Point <u>TOL</u>	Product Depth
WATER DEPTH (ft) <u>8.73</u>	WELL DEPTH <u>24.27</u>	Feet of H ₂ O in Well <u>15.54</u>	Product Thickness

TIME	PURGED TIME	PURGED GALLONS	pH	Temp (deg F)	Cond (µS/cm)	TDS (ppm)	DISSOLVED Oxygen (mg/l)	COMMENTS
10:51								Start Pump
10:52 01	6	7.19	75.5	1086	551			cloudy H ₂ O
10:54 03	18	7.30	75.5	1070	534			Clair H ₂ O
10:56 05	30	7.24	73.2	1066	532			clair H ₂ O/STOP PUMP
before purge	9:17							Sample
	12:31		6.84	76.8	1062	533		Samp
TOTAL GALLONS PURGED	<u>30</u>							

SAMPLE DEPTH (FT)	<u>8.71</u>	PURGE METHOD	<u>4" Pump</u>	PURGE PUMPING RATE (GPM)	<u>6</u>
----------------------	-------------	-----------------	----------------	-----------------------------	----------

FIELD EQUIPMENT	MODEL NAME/DESCRIPTION
pH Meter/EC Meter	<u>HANNA #3</u>
Turbidity Meter	
Pump (Dia./Type)	<u>4" Grundfos electric pump</u>
Water Level Meter	<u>Solinst</u>
Bailer (Dia.x length)	<u>1.5x36" stainless steel</u>

SAMPLE NUMBER	WELL VOLUME (GALLONS)
<u>MW-1</u>	<u>6</u>

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (13.54 Ft) x (0.65) = 10.10 Gallonsx3 (3 Well Volumes) = 30.30 Gallons2-INCH WELL: (Ft) x (0.16) = Gallonsx3 (3 Well Volumes) = Gallons

GROUNDWATER SAMPLING DATA

Page 3 of 7

SITE NAME MB INDUSTRIES TASK NUMBER 16

DATE 10-03-05

JOB NO. 383-01

QUARTER 3

SAMPLING PERSONNEL Jose

Jose

WELL NUMBER	Well Diameter (ID)	Reference Point	Product Depth
MW-2	4"	TOL	
WATER DEPTH (ft)	WELL DEPTH	Feet of H2O in Well	Product Thickness
8.43	23.94	15.51	

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond (µS/cm)	TDS (ppm)	DISSOLVED Oxygen (mg/l)	COMMENTS
10:09								Start pump
10:10	01	6	6.83	75.4	930	476		Cloudy H ₂ O
10:12	03	18	6.90	74.4	950	475		Clear H ₂ O
10:14	05	30	7.01	72.5	964	483		STOP pump
9:03								Sample
12:16		-	6.95	78.8	1001	465		Samp
TOTAL GALLONS PURGED		30						

before
park

SAMPLE DEPTH (FT)	8.43	PURGE METHOD	4" Pump	PURGE PUMPING RATE (GPM)	6
----------------------	------	-----------------	---------	-----------------------------	---

ITEM/EQUIPMENT	MODEL/NAME/DESCRIPTION
pH Meter/EC Meter	HANNA #3
Turbidity Meter	
Pump (Dia./Type)	4" Grundfos electric pump
Water Level Meter	Solinst
Bailer (Dia.x length)	1.5X36" stainless steel

SAMPLE NUMBER 1000 BOILERS 6

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: 15.51 Ft) x (0.65) = 10.08 Gallons

$$x3 \text{ (3 Well Volumes)} = \underline{\underline{30.24}} \text{ Gallons}$$

$\times 3$ (3 Well Volumes) = _____ Gallons

GROUNDWATER SAMPLING DATA

Page 3 of 7

SITE NAME MB INDUSTRIES TASK NUMBER 16

DATE 10-02-05

JOB NO. 383-01

QUARTER 3

SAMPLING PERSONNEL Jose

JOB NO. 383-01 QUARTER 3 SAMPLING PERSONNEL JOSE

QUARTER 3

SAMPLING PERSONNEL Jose

WELL NUMBER MW-3	Well Diameter (ID) 4"	Reference Point TOL	Product Depth
WATER DEPTH (ft) 8.50	WELL DEPTH 23.67	Feet of H2O in Well 15.17	Product Thickness

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg F)	Cond (µS/cm)	TDS (ppm)	Dissolved Oxygen (mg/l)	COMMENTS
9:52								Start pump
9:53	01	6	6.67	74.6	1009	507		Cloudy H ₂ O
9:55	03	18	6.68	73.9	966	482		Clair H ₂ O
9:57	05	30	6.69	74.6	966	481		STOP pump
8:50								Sample
12:00		-	8.02	82.2	1071	533		Samp
TOTAL GALLONS PURGED		30						

before
burne

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
8.51	4" Pump	6

FIELD EQUIPMENT	MODEL NAME/DESCRIPTION
pH Meter/EC Meter	HANNA #3
Turbidity Meter	
Pump (Dia./Type)	4" Grundfos electric pump
Water Level Meter	Solinst
Bailer (Dia.x length)	1.5x36" stainless steel

SAMPLE NUMBER	BOILERIES
MW-3	6

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (15.17) Ft x (0.65) = 9.86 Galions

$$x 3 \text{ (3 Well Volumes)} = 29.58 \text{ Gallons}$$

2-INCH WELL: (Ft) x (0.16) = Gallons

x3 (3 Well Volumes) = _____ Gallons

GROUNDWATER SAMPLING DATA

Page 4 of 7

SITE NAME MB INDUSTRIES TASK NUMBER 16
 JOB NO. 383-01 QUARTER 3

DATE 10-02-05SAMPLING PERSONNEL Jose

WELL NUMBER <u>MW-4</u>	Well Diameter (ID) <u>4"</u>	Reference Point <u>TOL</u>	Product Depth
WATER DEPTH (ft) <u>8.98</u>	WELL DEPTH <u>19.10</u>	Feet of H ₂ O in Well <u>10.12</u>	Product Thickness

TIME	TIME	ELAPSED PURGED GALLONS	PH	TEMP (deg F)	COND (µS/cm)	TDS (ppm)	DISSOLVED OXYGEN (mg/l)	COMMENTS
<u>10:22</u>								<u>Start Pump</u>
<u>10:23</u>	<u>01</u>	<u>6</u>	<u>7.01</u>	<u>75.4</u>	<u>1075</u>	<u>516</u>		<u>cloudy H₂O</u>
<u>10:25</u>	<u>03</u>	<u>18</u>	<u>7.08</u>	<u>75.8</u>	<u>1024</u>	<u>514</u>		<u>clair H₂O</u>
<u>10:26</u>	<u>04</u>	<u>24</u>	<u>7.02</u>	<u>76.0</u>	<u>1030</u>	<u>506</u>		<u>STOP PUMP</u>
<u>before</u> <u>Purge</u>	<u>9:12</u>							<u>Sample</u>
	<u>12:25</u>		<u>6.85</u>	<u>76.8</u>	<u>982</u>	<u>499</u>		<u>Sample</u>
TOTAL GALLONS PURGED		24						

SAMPLE DEPTH (FT)	<u>9.00</u>	PURGE METHOD <u>4" pump</u>	PURGE PUMPING RATE (GPM)	<u>6</u>
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ITEM/EQUIPMENT	MODEL/NAME/DESCRIPTION
pH Meter/EC Meter	<u>HANNA #3</u>
Turbidity Meter	
Pump (Dia./Type)	<u>4" Grundfos electric pump</u>
Water Level Meter	<u>Solinst</u>
Bailer (Dia.x length)	<u>1.5x36" stainless steel</u>

SAMPLE NUMBER	GALLONS
<u>MW-4</u>	<u>6</u>

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: 10.12 Ft x (0.65) = 6.57 Gallonsx3 (3 Well Volumes) = 19.73 Gallons

2-INCH WELL: (Ft) x (0.16) = _____ Gallons

x3 (3 Well Volumes) = _____ Gallons

GROUNDWATER SAMPLING DATA

Page 5 of 7

SITE NAME MB INDUSTRIES JASk NUMBER 16
JOB NO. 383-01 QUARTER 3

DATE 10-03-05

SAMPLING PERSONNEL Jose

WELL NUMBER	Well Diameter (ID)	Reference Point	Product Depth
VEN 1	2"	TOL	
WATER DEPTH (ft)	WELL DEPTH	Feet of H2O in Well	Product Thickness
9.08	10.00	0.92	

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
	Hand Pump	

FIELD EQUIPMENT	MODEL NAME/DESCRIPTION
pH Meter/EC Meter	HANNA #3
Turbidity Meter	
Pump (Dia./Type)	
Water Level Meter	Solinst
Bailer (Dia.x length)	1.5X36" Stainless Steel

SAMPLE NUMBER	# BOTTLES
VEW 1	6

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

x3 (3 Well Volumes) = _____ Gallons

$$2\text{-INCH WELL: } \underline{5.92} \text{ Ft} \times (0.16) = \underline{0.14} \text{ Gallons}$$

$$x3 \text{ (3 Well Volumes)} = 0.44 \text{ Gallons}$$

GROUNDWATER SAMPLING DATA

Page 6 of 7

SITE NAME MB INDUSTRIES TASK NUMBER 16
 JOB NO. 383-01 QUARTER 3

DATE 10-02-05SAMPLING PERSONNEL Jose

WELL NUMBER <u>VEW-2</u>	Well Diameter (ID) <u>2"</u>	Reference Point <u>TOL</u>	Product Depth
WATER DEPTH (ft) <u>8.90</u>	WELL DEPTH <u>10.11</u>	Feet of H2O in Well <u>1.21</u>	Product Thickness

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg F)	Cond (US/cm)	TDS (ppm)	Dissolved Oxygen (mg/l)	COMMENTS
11:12								start pump
11:15	03	1/2	6.84	76.1	1244	619		start bail
11:17	05	1	7.00	76.4	1245	627		low flow
11:23								start bail
11:25	07	1	No H2O					dry STOP bail
9:36								
12:36			6.96	75.9	1241	620		Samp
TOTAL GALLONS PURGED		1						

SAMPLE DEPTH (FT) <u>9.58</u>	PURGE METHOD <u>Hand Bail</u>	PURGE PUMPING RATE (GPM)
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FIELD EQUIPMENT	MODEL NAME/DESCRIPTION
pH Meter/EC Meter	HANNA #3
Turbidity Meter	
Pump (Dia./Type)	
Water Level Meter	Soil incl
Bailer (Dia.x length)	1.5x36" stainless Steel

SAMPLE NUMBER	# BOTTLES
VEW 2	6

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: 1.21 Ft x (0.65) = 0.19 Gallonsx3 (3 Well Volumes) = 0.58 Gallons2-INCH WELL: 1.21 Ft x (0.16) = 0.19 Gallonsx3 (3 Well Volumes) = 0.58 Gallons

GROUNDWATER SAMPLING DATA

Page 7 of 7

SITE NAME MB INDUSTRIES TASK NUMBER 16
 JOB NO. 383-01 QUARTER 3

DATE 10-02-05SAMPLING PERSONNEL Jose

WELL NUMBER	<u>VIEW-3</u>	Well Diameter (ID)	<u>2"</u>	Reference Point	<u>TOL</u>	Product Depth
WATER DEPTH (ft)	<u>8.51</u>	WELL DEPTH	<u>10.10</u>	Feet of H2O in Well	<u>1.59</u>	Product Thickness

TIME	ELAPSED TIME PURGED	GALLONS PURGED	pH	Temp (deg F)	Cond ($\mu\text{S}/\text{cm}$)	TDS (ppm)	Dissolved Oxygen (mg/l)	COMMENTS
<u>11:19</u>								<u>Start pump</u>
<u>11:22</u> <u>03</u>	<u>42</u>	<u>6.95</u>	<u>75.4</u>	<u>2346</u>	<u>1173</u>			<u>Start bail</u>
<u>11:25</u> <u>06</u>	<u>1</u>	<u>6.81</u>	<u>74.4</u>	<u>2384</u>	<u>1181</u>			<u>Low Flow/ clarity</u> 20
<u>11:35</u>								<u>Start bail</u>
<u>11:37</u> <u>08</u>	<u>1</u>	<u>No H2O</u>						<u>dry stop bail</u>
<u>before purge</u>								
<u>9:41</u>								
<u>12:48</u>		<u>6.42</u>	<u>76.2</u>	<u>2319</u>	<u>1164</u>			<u>Samp</u>
TOTAL GALLONS PURGED								

SAMPLE DEPTH (FT)	<u>8.85</u>	PURGE METHOD	<u>Hand Bail</u>	PURGE PUMPING RATE (GPM)
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ITEM/EQUIPMENT	MODEL/NAME/DESCRIPTION
pH Meter/EC Meter	<u>HANNA #3</u>
Turbidity Meter	
Pump (Dia./Type)	
Water Level Meter	<u>Solinst</u>
Bailer (Dia.x length)	<u>1.5x36" stainless steel</u>

SAMPLE NUMBER	BOTTLES
<u>VIEW-3</u>	<u>6</u>

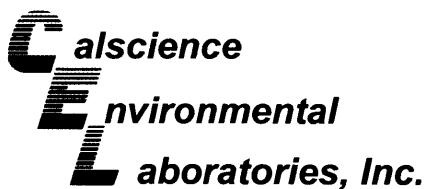
WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (Ft) x (0.65) = Gallonsx3 (3 Well Volumes) = Gallons2-INCH WELL: (1.59 Ft) x (0.16) = 0.25 Gallonsx3 (3 Well Volumes) = 0.75 Gallons

APPENDIX B

LABORATORY REPORTS



Supplemental Report 1

November 10, 2005

Josh Moeller
 Frey Environmental, Inc.
 2817-A Lafayette Avenue
 Newport Beach, CA 92663-3715

Subject: Calscience Work Order No.: 05-10-0119
Client Reference: MB Industries / 383-01

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/4/2005 and analyzed in accordance with the attached chain-of-custody.

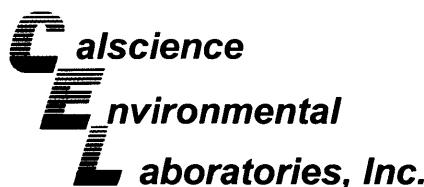
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Stephen Nowak".

Calscience Environmental
 Laboratories, Inc.
 Stephen Nowak
 Project Manager



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

Project: MB Industries / 383-01

Page 1 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VEW-1 Before	05-10-0119-5	10/03/05	Aqueous	10/06/05	10/07/05	051006B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	11000	500	5		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	86	49-133			

MW-1 Before	05-10-0119-14	10/03/05	Aqueous	11/04/05	11/04/05	051104B01
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Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	170	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	72	49-133			

MW-2 Before	05-10-0119-15	10/03/05	Aqueous	11/04/05	11/04/05	051104B01
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Comment(s): -Sample analyzed outside recommended holding time.

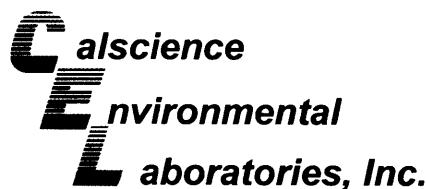
Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	74	49-133			

MW-3 Before	05-10-0119-16	10/03/05	Aqueous	11/04/05	11/04/05	051104B01
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Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	70	49-133			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

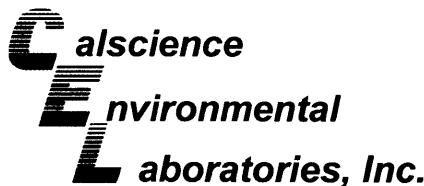
Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

Project: MB Industries / 383-01

Page 2 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-4 Before	05-10-0119-17	10/03/05	Aqueous	11/04/05	11/04/05	051104B01
Comment(s): -Sample analyzed outside recommended holding time.						
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>	
TPH as Gasoline	ND	100	1		ug/L	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
1,4-Bromofluorobenzene	68	49-133				
VEW-2 Before	05-10-0119-18	10/03/05	Aqueous	11/04/05	11/04/05	051104B01
Comment(s): -Sample analyzed outside recommended holding time.						
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>	
TPH as Gasoline	5500	100	1		ug/L	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
1,4-Bromofluorobenzene	182	49-133		2		
VEW-3 Before	05-10-0119-19	10/03/05	Aqueous	11/04/05	11/04/05	051104B01
Comment(s): -Sample analyzed outside recommended holding time.						
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>	
TPH as Gasoline	ND	100	1		ug/L	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
1,4-Bromofluorobenzene	78	49-133				
MW-1 After	05-10-0119-20	10/03/05	Aqueous	10/06/05	10/07/05	051006B01
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>	
TPH as Gasoline	ND	100	1		ug/L	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
1,4-Bromofluorobenzene	71	49-133				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

Project: MB Industries / 383-01

Page 3 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-2 After	05-10-0119-21	10/03/05	Aqueous	10/06/05	10/07/05	051006B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	71	49-133			

MW-3 After	05-10-0119-22	10/03/05	Aqueous	10/06/05	10/07/05	051006B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	71	49-133			

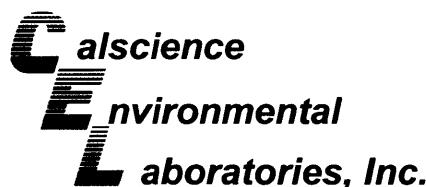
MW-4 After	05-10-0119-23	10/03/05	Aqueous	10/06/05	10/07/05	051006B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	74	49-133			

VEW-2 After	05-10-0119-24	10/03/05	Aqueous	10/06/05	10/07/05	051006B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	150	49-133		X	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

Project: MB Industries / 383-01

Page 4 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VEW-3 After	05-10-0119-25	10/03/05	Aqueous	10/06/05	10/07/05	051006B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	71	49-133			

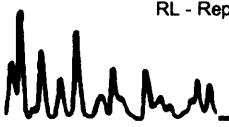
Method Blank	098-03-006-7,624	N/A	Aqueous	10/06/05	10/06/05	051006B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	70	49-133			

Method Blank	098-03-006-7,796	N/A	Aqueous	11/04/05	11/04/05	051104B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	69	49-133			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: MB Industries / 383-01

Page 1 of 6

Client Sample Number	Lab Sample Number			Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID	
MW-1 Before	05-10-0119-1			10/03/05	Aqueous	10/05/05	10/05/05	051005L01	
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	74-140			1,2-Dichloroethane-d4	118	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	87	74-110		
MW-2 Before	05-10-0119-2			10/03/05	Aqueous	10/05/05	10/05/05	051005L01	
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	87	74-110		
MW-3 Before	05-10-0119-3			10/03/05	Aqueous	10/05/05	10/05/05	051005L01	
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	74-140			1,2-Dichloroethane-d4	118	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	86	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: MB Industries / 383-01

Page 2 of 6

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-4 Before	05-10-0119-4	10/03/05	Aqueous	10/05/05	10/05/05	051005L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	111	74-146		
Toluene-d8	95	88-112			1,4-Bromofluorobenzene	88	74-110		

VEW-1 Before	05-10-0119-5	10/03/05	Aqueous	10/07/05	10/08/05	051007L02
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	510	2	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	780	5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	16	5	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	1200	5	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	370	5	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	110	74-140			1,2-Dichloroethane-d4	115	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	94	74-110		

VEW-2 Before	05-10-0119-6	10/03/05	Aqueous	10/07/05	10/08/05	051007L02
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	120	2	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	970	5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	6.6	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	210	5	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	25	5	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	94	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: MB Industries / 383-01

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VEW-3 Before	05-10-0119-7	10/03/05	Aqueous	10/05/05	10/05/05	051005L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	74-140			1,2-Dichloroethane-d4	119	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	88	74-110		

MW-1 After	05-10-0119-8	10/03/05	Aqueous	11/04/05	11/04/05	051104L01
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Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	124	74-140			1,2-Dichloroethane-d4	125	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	79	74-110		

MW-2 After	05-10-0119-9	10/03/05	Aqueous	11/04/05	11/04/05	051104L01
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Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	119	74-140			1,2-Dichloroethane-d4	129	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	81	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: MB Industries / 383-01

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-3 After	05-10-0119-10	10/03/05	Aqueous	11/04/05	11/05/05	051104L02

Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	74-140			1,2-Dichloroethane-d4	123	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	83	74-110		

MW-4 After	05-10-0119-11	10/03/05	Aqueous	11/04/05	11/05/05	051104L02
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Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	128	74-140			1,2-Dichloroethane-d4	128	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	81	74-110		

VEW-2 After	05-10-0119-12	10/03/05	Aqueous	11/04/05	11/05/05	051104L02
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Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	63	1	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
Ethylbenzene	470	10	10		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	9.0	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	460	2	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	63	2	2		Ethanol	ND	200	2	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	2						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	74-140			1,2-Dichloroethane-d4	116	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	100	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: MB Industries / 383-01

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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VIEW-3 After	05-10-0119-13	10/03/05	Aqueous	11/04/05	11/05/05	051104L02

Comment(s): -Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	1.6	1.0	1						
Surrogates:	REC (%)	Control		Qual	Surrogates:	REC (%)	Control		Qual
Dibromofluoromethane	124	74-140			•	129	74-146		
Toluene-d8	96	88-112			1,2-Dichloroethane-d4				
					1,4-Bromofluorobenzene				

Method Blank	099-10-006-15,867				N/A	Aqueous	10/05/05	10/05/05	051005L01
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control		Qual	Surrogates:	REC (%)	Control		Qual
Dibromofluoromethane	102	74-140			•	108	74-146		
Toluene-d8	95	88-112			1,2-Dichloroethane-d4				
					1,4-Bromofluorobenzene				

Method Blank	099-10-006-15,917				N/A	Aqueous	10/07/05	10/07/05	051007L02
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
Surrogates:	REC (%)	Control		Qual	Surrogates:	REC (%)	Control		Qual
Dibromofluoromethane	113	74-140			•	117	74-146		
Toluene-d8	93	88-112			1,2-Dichloroethane-d4				
					1,4-Bromofluorobenzene				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: MB Industries / 383-01

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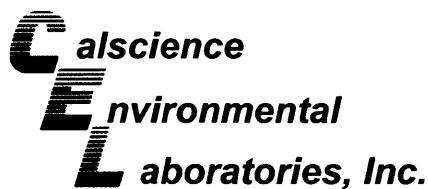
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-16,192	N/A	Aqueous	11/04/05	11/04/05	051104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	120	74-140			1,2-Dichloroethane-d4	119	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	83	74-110		

Method Blank	099-10-006-16,194	N/A	Aqueous	11/04/05	11/05/05	051104L02
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	127	74-140			1,2-Dichloroethane-d4	125	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	84	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

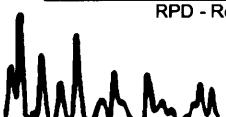
Project MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-10-0185-1	Aqueous	GC 22	10/06/05	10/06/05	051006S01

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Gasoline	61	61	70-112	0	0-17	3

RPD - Relative Percent Difference , CL - Control Limit

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Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

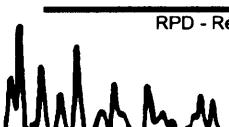
Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

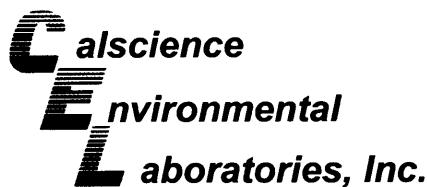
Project MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-1 Before	Aqueous	GC 22	11/04/05	11/04/05	051104S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	84	87	70-112	3	0-17	

RPD - Relative Percent Difference , CL - Control Limit

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Quality Control - Spike/Spike Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

Project MB Industries / 383-01

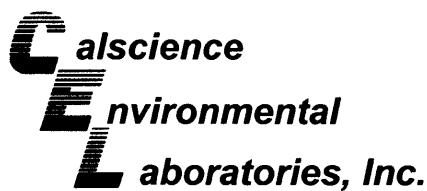
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-4 Before	Aqueous	GC/MS I	10/05/05	10/05/05	051005S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	88-118	1	0-7	
Carbon Tetrachloride	103	105	67-145	2	0-11	
Chlorobenzene	103	101	88-118	2	0-7	
1,2-Dichlorobenzene	105	102	86-116	3	0-8	
1,1-Dichloroethene	90	90	70-130	0	0-25	
Toluene	98	94	87-123	4	0-8	
Trichloroethene	95	95	79-127	1	0-10	
Vinyl Chloride	86	86	69-129	0	0-13	
Methyl-t-Butyl Ether (MTBE)	82	87	71-131	6	0-13	
Tert-Butyl Alcohol (TBA)	104	106	36-168	2	0-45	
Diisopropyl Ether (DIPE)	96	97	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	94	95	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	100	72-126	0	0-12	
Ethanol	91	96	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - Spike/Spike Duplicate

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Newport Beach, CA 92663-3715

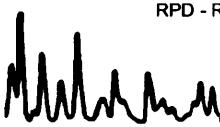
Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

Project MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-10-0193-1	Aqueous	GC/MS I	10/07/05	10/08/05	051007S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	102	88-118	1	0-7	
Carbon Tetrachloride	113	110	67-145	2	0-11	
Chlorobenzene	104	105	88-118	1	0-7	
1,2-Dichlorobenzene	105	107	86-116	2	0-8	
1,1-Dichloroethene	102	96	70-130	6	0-25	
Toluene	99	100	87-123	2	0-8	
Trichloroethene	100	97	79-127	3	0-10	
Vinyl Chloride	101	97	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	106	99	71-131	6	0-13	
Tert-Butyl Alcohol (TBA)	99	103	36-168	5	0-45	
Diisopropyl Ether (DIPE)	106	102	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	103	100	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	102	72-126	0	0-12	
Ethanol	97	88	53-149	10	0-31	

RPD - Relative Percent Difference , CL - Control Limit



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Newport Beach, CA 92663-3715

Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

Project MB Industries / 383-01

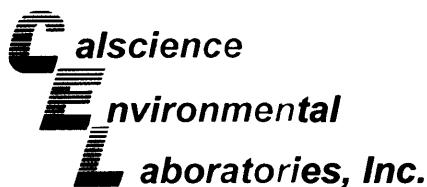
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-11-0243-3	Aqueous	GC/MS BB	11/04/05	11/04/05	051104S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	103	88-118	3	0-7	
Carbon Tetrachloride	115	113	67-145	2	0-11	
Chlorobenzene	106	106	88-118	1	0-7	
1,2-Dichlorobenzene	102	100	86-116	2	0-8	
1,1-Dichloroethene	103	101	70-130	1	0-25	
Toluene	105	105	87-123	0	0-8	
Trichloroethene	105	102	79-127	3	0-10	
Vinyl Chloride	88	90	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	97	93	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	93	95	36-168	2	0-45	
Diisopropyl Ether (DIPE)	101	98	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	95	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	97	72-126	1	0-12	
Ethanol	83	95	53-149	13	0-31	

RPD - Relative Percent Difference , CL - Control Limit

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Quality Control - Spike/Spike Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

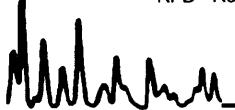
Date Received: 10/04/05
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

Project MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-11-0244-6	Aqueous	GC/MS BB	11/04/05	11/05/05	051104S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	101	88-118	1	0-7	
Carbon Tetrachloride	114	110	67-145	4	0-11	
Chlorobenzene	101	103	88-118	1	0-7	
1,2-Dichlorobenzene	97	95	86-116	2	0-8	
1,1-Dichloroethene	104	102	70-130	2	0-25	
Toluene	104	103	87-123	1	0-8	
Trichloroethene	103	99	79-127	4	0-10	
Vinyl Chloride	91	88	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	91	91	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	91	88	36-168	3	0-45	
Diisopropyl Ether (DIPE)	99	96	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	93	93	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	95	72-126	1	0-12	
Ethanol	94	90	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

Date Received: N/A
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: DHS LUFT

Project: MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-7,624	Aqueous	GC 22	10/06/05	10/06/05	051006B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	97	98	72-114	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit



**Environmental
Laboratories, Inc.**
Quality Control - LCS/LCS Duplicate

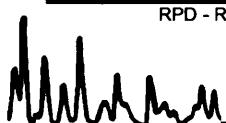
Frey Environmental, Inc.
 2817-A Lafayette Avenue
 Newport Beach, CA 92663-3715

Date Received: N/A
 Work Order No: 05-10-0119
 Preparation: EPA 5030B
 Method: DHS LUFT

Project: MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-7,796	Aqueous	GC 22	11/04/05	11/04/05	051104B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	97	72-114	2	0-10	

 RPD - Relative Percent Difference , CL - Control Limit


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Quality Control - LCS/LCS Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

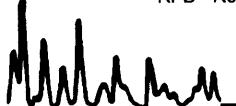
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Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

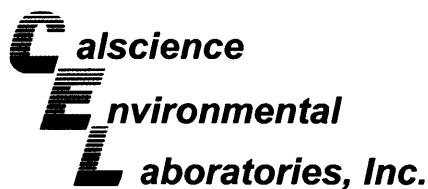
Project: MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-15,867	Aqueous	GC/MS I	10/05/05	10/05/05	051005L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	84-120	1	0-8	
Carbon Tetrachloride	106	107	63-147	1	0-10	
Chlorobenzene	102	102	89-119	0	0-7	
1,2-Dichlorobenzene	105	106	89-119	1	0-9	
1,1-Dichloroethene	91	91	77-125	0	0-16	
Toluene	96	96	83-125	0	0-9	
Trichloroethene	95	96	89-119	1	0-8	
Vinyl Chloride	86	87	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	92	93	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	88	91	46-154	4	0-32	
Diisopropyl Ether (DIPE)	97	97	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	94	96	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	101	76-124	2	0-10	
Ethanol	91	91	60-138	0	0-32	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

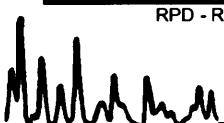
Date Received: N/A
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

Project: MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-15,917	Aqueous	GC/MS I	10/07/05	10/07/05	051007L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	101	84-120	2	0-8	
Carbon Tetrachloride	116	115	63-147	1	0-10	
Chlorobenzene	108	106	89-119	2	0-7	
1,2-Dichlorobenzene	116	110	89-119	5	0-9	
1,1-Dichloroethene	103	103	77-125	0	0-16	
Toluene	99	98	83-125	1	0-9	
Trichloroethene	102	101	89-119	0	0-8	
Vinyl Chloride	102	100	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	105	103	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	101	101	46-154	0	0-32	
Diisopropyl Ether (DIPE)	108	106	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	105	105	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	105	76-124	1	0-10	
Ethanol	106	100	60-138	6	0-32	

RPD - Relative Percent Difference , CL - Control Limit



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Quality Control - LCS/LCS Duplicate

Frey Environmental, Inc.
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Newport Beach, CA 92663-3715

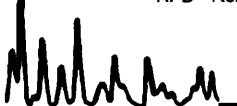
Date Received: N/A
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

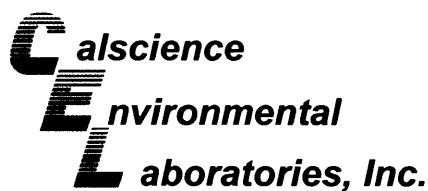
Project: MB Industries / 383-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,192	Aqueous	GC/MS BB	11/04/05	11/04/05	051104L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	84-120	0	0-8	
Carbon Tetrachloride	113	113	63-147	0	0-10	
Chlorobenzene	107	107	89-119	0	0-7	
1,2-Dichlorobenzene	106	104	89-119	1	0-9	
1,1-Dichloroethene	103	103	77-125	1	0-16	
Toluene	106	106	83-125	0	0-9	
Trichloroethene	105	104	89-119	1	0-8	
Vinyl Chloride	90	92	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	90	98	82-118	8	0-13	
Tert-Butyl Alcohol (TBA)	77	97	46-154	23	0-32	
Diisopropyl Ether (DIPE)	98	99	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	94	96	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	97	76-124	2	0-10	
Ethanol	95	88	60-138	7	0-32	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate

Frey Environmental, Inc.
2817-A Lafayette Avenue
Newport Beach, CA 92663-3715

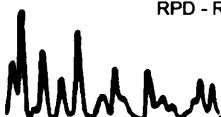
Date Received: N/A
Work Order No: 05-10-0119
Preparation: EPA 5030B
Method: EPA 8260B

Project: MB Industries / 383-01

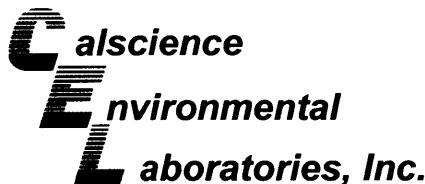
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,194	Aqueous	GC/MS BB	11/04/05	11/05/05	051104L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	84-120	1	0-8	
Carbon Tetrachloride	110	107	63-147	2	0-10	
Chlorobenzene	103	104	89-119	1	0-7	
1,2-Dichlorobenzene	101	99	89-119	2	0-9	
1,1-Dichloroethene	100	106	77-125	6	0-16	
Toluene	103	102	83-125	1	0-9	
Trichloroethene	98	99	89-119	0	0-8	
Vinyl Chloride	88	91	63-135	4	0-13	
Methyl-t-Butyl Ether (MTBE)	91	95	82-118	4	0-13	
Tert-Butyl Alcohol (TBA)	86	101	46-154	16	0-32	
Diisopropyl Ether (DIPE)	99	99	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	95	95	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	95	76-124	1	0-10	
Ethanol	85	90	60-138	5	0-32	

RPD - Relative Percent Difference , CL - Control Limit



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Glossary of Terms and Qualifiers

Work Order Number: 05-10-0119

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



LABORATORIES, INC.

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 • FAX: (714) 894-7501

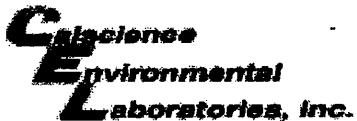
CHAIN OF CUSTODY RECORD

Date 10-3-05

Page 1 of 1

LABORATORY CLIENT: FREY ENVIRONMENTAL, INC.		CLIENT PROJECT NAME / NUMBER: <u>NIB INDUSTRIES</u> / <u>383-01</u>		P.O. NO.:	
ADDRESS:	2817-A LAFAYETTE AVENUE	PROJECT CONTACT:	<u>Tess Moller</u>	<input checked="" type="checkbox"/> LAB USE ONLY	
CITY	NEWPORT BEACH, CA	STATE	ZIP <u>92663-3715</u>	<input checked="" type="checkbox"/> COOLER RECEIPT	
TEL:	949/723-1645	FAX:	E-MAIL: <u>jmweller@freyinc.com</u>	TEMP = <u>9</u> °C	
TURNAROUND TIME:		<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS			
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)					
<input type="checkbox"/> RWQCB REPORTING <input checked="" type="checkbox"/> COELT REPORTING					
SPECIAL INSTRUCTIONS: <u>Please email to jmweller@freyinc.com</u>					
Cust # <u>0605901472</u>					
REQUESTED ANALYSES					
<input type="checkbox"/> VOCs (8260B) <input type="checkbox"/> SVOCs (8270C) <input type="checkbox"/> PCBs (8082) <input type="checkbox"/> PEST (8081A) <input type="checkbox"/> EOB / DBCP (504.1) or (8011) <input type="checkbox"/> CAC, T22 METALS (6010B) <input type="checkbox"/> PNAs (8310) <input type="checkbox"/> VOCs (TO-14A) or (TO-15) <input type="checkbox"/> VOCs (5035 / 8260B) EnCore					
SAMPLE ID					
LAB USE ONLY	GEIMS ID	SAMPLE ID	SAMPLING DATE	TIME	MATRIX
1	MW-1		10-3-05	12:31	<u>B</u>
2	MW-2			12:16	<u>B</u>
3	MW-3			12:00	<u>B</u>
4	MW-4			12:25	<u>B</u>
5	MW-5			9:26	<u>B</u>
6	MW-6			12:36	<u>B</u>
7	MW-7			12:48	<u>B</u>
Relinquished by: (Signature) <u>JMW</u>		Received by: (Signature) <u>John D.</u>		Date: <u>10-4-05</u>	Time: <u>11:50</u>
Relinquished by: (Signature) <u>W. Gayate</u>		Received by: (Signature) <u>W. Gayate</u>		Date: <u>10-4-05</u>	Time: <u>11:50</u>
Relinquished by: (Signature) <u>W. Gayate</u>		Received by: (Signature) <u>W. Gayate</u>		Date: <u>10-4-05</u>	Time: <u>12:32</u>

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Yellow and Pink copies respectively.



WORK ORDER #:

05 - 10-01119

Cooler \ of \

SAMPLE RECEIPT FORM

CLIENT: FREY

DATE: 10-4-05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
 - Chilled, cooler without temperature blank.
 - Chilled and placed in cooler with wet ice.
 - Ambient and placed in cooler with wet ice.
 - Ambient temperature.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
 - _____ °C IR thermometer.
 - Ambient temperature.

3.2 °C Temperature blank.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): _____
Initial: WB

SAMPLE CONDITION:

Chain-Of-Custody document(s) received with samples.....
Sample container label(s) consistent with custody papers.....
Sample container(s) intact and good condition.....
Correct containers for analyses requested.....
Proper preservation noted on sample label(s).....
VOA vial(s) free of headspace.....
Tedlar bag(s) free of condensation.....

Initial: WB

COMMENTS:
